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FREE 24-hour Tech Support: 724-746-5500
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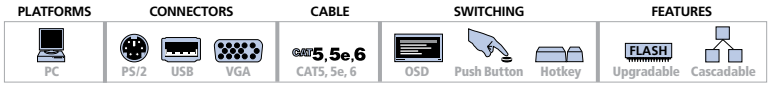
ServSelect™ III

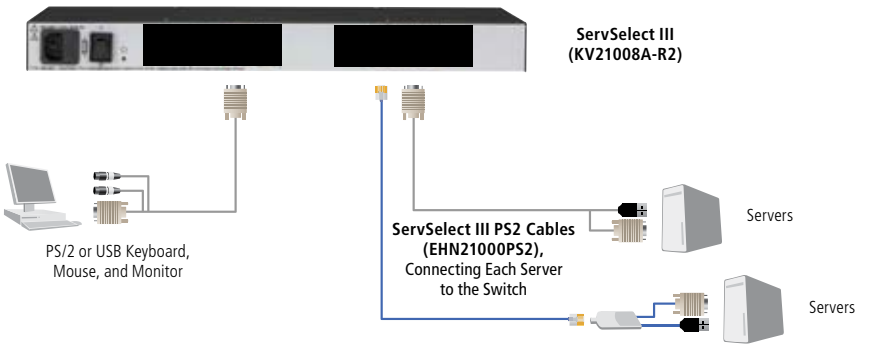
Access and control up to eight servers—no matter what platform—over CAT5 cable.

FEATURES

- Supports PS/2 and USB keyboards and mice.
- Access up to eight servers and network devices. Daisychain multiple units to control up to 128 servers!
- ServSelect III Cables simplify installation, cut cable clutter, and reduce bulk cable costs.
- Multiplatform.
- Choose from two operation modes.
- Provides 1280 x 1024 @75 Hz resolution.
- Convenient on-screen menus.
- Built-in password protection and keep-alive functionality.
- Flash upgradable.
- Rackmountable.

Access your servers with the ServSelect III.





OVERVIEW

With the ServSelect™ III (1 x 8), a single user can access up to eight servers and network devices from a PS/2 or USB console. Plus you can cascade up to 16 ServSelect III units to control up to 128 servers in your system! Simply put, the ServSelect III is ideal for IS departments where you need access to multiple servers.

Convenient on-screen menus.

Intuitive on-screen menus enable you to configure your system and select servers and other switches. You can easily identify each server by a unique name, ID number, or port number. Two operational modes enable you to manage your switching activities: Scan and Broadcast.

In **Scan** mode, the ServSelect III sequentially displays the status of up to eight servers on-screen. You select which servers are scanned in a sequence and how many seconds each is displayed.

In **Broadcast** mode, a user can simultaneously control more than one server to ensure that all selected servers receive the same input.

Keep-alive power safeguards, password protection, and more.

BIOS-level access ensures connection to the attached servers, regardless of the servers' health or operating system. What's more, the ServSelect III's keep-alive safeguard enables the attached servers to continue functioning even if the switch experiences a power failure.

Protect your system with a screen-saver password for each user. When a user station is unused for a period of time, the monitor enters a screen-saving mode and can only be unlocked by typing a password.

The ServSelect III is also flash upgradable, which means it's built for your system's future. Upgrade your firmware at any time by using the switch's simple update utility.

Optimal video resolution.

You get optimal 1280 x 1024 @75 Hz resolution for analog VGA, SVGA, and XGA when you connect a user station to the ServSelect III with a 10-foot (3-m) cable. Keep in mind that the longer the cable, the lower the resolution. For example, resolution is a maximum 800 x 600 when the connection is 50 feet (15.2 m).

Although the system adjusts automatically to the optimal video parameters, you can fine-tune the image manually and set refresh and frame rates. The ServSelect III supports Display Data Channel (DDC) Plug-and-Play, which autoconfigures the monitor and is compliant with the VESA DDC2B standard.

The genius of ServSelect III Cables.

Make connections to individual servers with nonflashable ServSelect III Cables. These CAT5 cables provide keyboard, video, and mouse connectivity. Simply connect a cable's RJ-45 end to your ServSelect III and the other end to your server.

Multiplatform connectivity.

To connect VT100™, PS/2, USB, or Sun™ servers more than 15 feet (4.6 m) from your ServSelect III, order our ServSelect Server Access Modules (SAMs). Powered by their connected servers, the modules "keep alive" even if the ServSelect III loses its power. Order one for each switch-to-CPU connection.

KV21008A-R2: front view

KV21008A-R2: back view

EHN21000USB

The modules feature built-in KVM connectors. All you need is CAT5 cable to link your ServSelect III with these modules. All ServSelect SAMs are flash upgradable to keep your system up to date.

Need a two-user switch?

Then see the 2 x 8 (KV22008A-R2) and 2 x 16 (KV22016A-R2) versions of the ServSelect III. They come with a pair of analog port sets to accommodate two monitors and a pair of PS/2 or USB keyboards and mice.

NOTE: The VT100 Style Server Access Module (KV123A) requires a (PS123A) power supply.

NOTE: Legacy Sun video connections require an ACD002-R2 adapter.

Why Buy From Black Box? Exceptional Value. Exceptional Tech Support. Period.

Recognize any of these situations?

- You wait more than 30 minutes to get through to a vendor's tech support.
- The so-called "tech" can't help you or gives you the wrong answer.
- You don't have a purchase order number and the tech refuses to help you.
- It's 9 p.m. and you need help, but your vendor's tech support line is closed.

According to a survey by *Data Communications* magazine, 90% of network managers surveyed say that getting the technical support they need is extremely important when choosing a vendor. But even though network managers pay anywhere from 10 to 20% of their overall purchase price for a basic service and support contract, the technical support and service they receive falls far short of their expectations—and certainly isn't worth what they paid.

At Black Box, we guarantee the best value and the best support. You can even consult our Technical Support Experts before you buy if you need help selecting just the right component for your application.

Don't waste time and money—call Black Box today.

TECH SPECS

CPUs Supported — IBM® PC/AT®, PS/2, USB, and compatibles
Mice Supported — IBM Scrollpoint®, Kensington® 4-button, Logitech® Marble FX, Logitech Mouseman Wheel, Logitech Trackman Marble Wheel, Microsoft® IntelliMouse®, Microsoft Explorer, USB
Operating Environment — Temperature: 50 to 122°F (10 to 50°C); Humidity: 20 to 80% noncondensing
Resolution (Maximum) — 1280 x 1024 at 75 Hz
Video Supported — DDC2B, VGA, SVGA, XGA, XGA2 (with adapter)
CE Approval — Yes
Connectors —
Analog users:
Keyboard and mouse: USB: (2) USB Type A;
PS/2: (2) 6-pin mini DIN F;
Video: (1) HD15 F;
CPUs/servers: (8) RJ-45;
Interconnect: (1) RJ-45;
Serial port: (1) DB9 M (RS-232) for Flash-ROM upgrades;
Power: (1) IEC 320
Power — 100–240 VAC, 50–60 Hz, autosensing
Size — 1.75"H (1U) x 17"W x 11"D (4.4 x 43.2 x 27.9 cm)
Weight — 8 lb. (3.6 kg)

Item	Code
ServSelect III	
1 User x 8 Ports	**KV21008A-R2**
For each server connection, you need…	
ServSelect III Cables	
PS/2 Style ([1] HD15 Male, [2] 6-Pin Mini DIN Male, [1] RJ-45 Male)	
7-ft. (2.1-m)	**EHN21000PS2-0007**
10-ft. (3-m)	**EHN21000PS2-0010**
15-ft. (4.6-m)	**EHN21000PS2-0015**
USB Style ([1] HD15 Male, [1] USB Type A Male, [1] RJ-45 Male)	
7-ft. (2.1-m)	**EHN21000USB-0007**
10-ft. (3-m)	**EHN21000USB-0010**
15-ft. (4.6-m)	**EHN21000USB-0015**
To connect to servers more than 15 feet (4.6 m) away, order…	
ServSelect Server Access Modules	
VT100 Style	**KV123A**
PS/2 Style ([1] HD15 Male, [2] 6-Pin Mini DIN Male)	**KV125A**
USB Style ([1] HD15 Male, [1] USB Type A Male)	**KV126A**
You may also need…	
Adapter for Legacy Sun Video ([1] HD15 Female to [1] 13W3 Male)	**ACD002-R2**
Power Supply for VT100 Server Access Module	**PS123A**